

CG 40 CODE RT-531-D PKG.

→ JUL 17 80 36567
EST. WGT. 665 LBS.

STD. HRS. TIME 3P M

PROCESSES		APPROVED BY
()	RT-531-D (N)	BBK 04-25-77
()	RT-160-P ()	DCG 04-26-77
()	()	MTW 04-27-77
()	()	
TYPED BY		
emw042977		

West Press

JUL 17 1980

NON-BLEEDING

EQUIPMENT	NAME: NAPHTHANIL® RED LIGHT	USE LBS.	N CODE	ACCT. LBS.
Prep 1	1 Obtain for S 6		504-C	
	2 Obtain for S 18		150-C	
	3 Clean, dress, close 24" clarif press - 15 frames			
DV 2	4 Run 20" (486 G) water into V-303			
	5 Run in from V-324 M 6, 30.85 %	403	28-D	126
	6 Dump in from S 1 Lot	504-C		210
		200		
		10		
	7 Add & stir 15 min to wet Lot 259 % 50.6	23	996-C	1
	8 Add to 424 (1020 G) at 40-45°F 60x 330		57-A	1980
	9 Pour in AFAP M, 33.62 %	293	725-A	95
	10 Stir 5 min & Record: CR + (+) M, %		28-D	
	11 KI + (+), Temp 43 (40-48°F) M, %		725-A	
	12 Stir 10 min at 40-45°F maintaining + CR & + KI for S.13		57-A	
	Record: Start 4:55 PM CR + (+), KI + (+)		725-A	
Misc 3	13 Slurry in 40 Gal water in drum & precoat clarif press	5	777-A	5
DV 4	14 When S 11 stir complete, dump in	15	113-A	15
	15 Dump in	10	777-A	10
	16 Stir 30 min at 40-45°F maintaining + KI for S 23		725-A	
	Record: Start 5:15 PM KI + (+) let		57-A	
330 5	17 Run 13" (177 G) water into V-330			
	18 Slurry in 25 G water & pour in Lot 16 20	39-A	16 20	
	19 Dump in from S 2 & stir 30 min or longer to wet	150-C		370
	Record: Start 5:25 PM	70580	335	
		70458	35	
302 6	20 Run 12" (144 G) water into V-302			
	21 Pour in Assume 50%	58	7-D	29
	22 Siphon in & stir 3 min M 9, 79.08 %	34	30-D	43
	Record: pH 6.7 (6.7-7.5) Assume 50%		7-D	
	If necessary adj to 6.7-7.5, Record: pH Assume 75%		30-D	

EQUIPMENT	PAGE	2	CG	40	CODE	RT-531-D (N)	EST. WGT.	665	LBS.	USE	LBS.	N	CODE	ACCT.	LBS.																		
DV	7	23	Pump DV thru clarif press into V-323 maintaining temp at 40-45°F. Record: Start <u>5:50 PM</u> Total Min <u>45</u>							2 x 330	57-A	<u>660</u>																					
			NOTE: Do not use V-303 - too small																														
		24	When S 23 clarif complete, wash DV (S 4) lines, pump & press for 20 min or to a -CR test on a sample of total press effluent, whichever comes first: Record: Start 6:10 CR - (- or +)																														
			collect washings in DV (S 23)																														
		25	When S 24 is complete, test DV (S 23) & Record: KI <u>+</u> (+), Temp <u>40</u> (40-45°F)								725-A																						
		26	Weigh in Rubber Bucket & Rinse in & stir 3 min							10	57-A	10																					
		27	Record: KI <u>---</u> . Must be - & If necessary adj to - KI								395-D																						
		28	Adj to <u>56%</u> (1925 G) at 40-45°F							3 x 330	57-A	<u>660</u>																					
260	8	29	Run 39" (3900 G) water into V-260																														
		30	Install Temp Chart & Set Agitator at 16 RPM																														
330	9	31	When S 18 stir complete pour in, in 3-4 min Assume 50%							220	7-D	110																					
		32	Heat to 128-132°F AFAP & stir 5 min to dissolve. Stop agitator																														
260	10	33	Immediately run V-330 AFAP into CV. No agitation in CV																														
			Record: Start <u>7:00 PM</u> Total Min <u>8</u>																														
		34	Pour in & stir 5 min M <u>79.08 %</u>							<u>190</u>	30-D	150																					
		35	Record: pH <u>8.5</u> (10.5-11.0) Assume 50%							<u>10</u>	7-D	<u>5</u>																					
			If necessary adj to pH 10.5-11.0 Record: pH <u>10.9</u> Assume 75%								30-D																						
		36	Run in V-302 AFAP																														
		37	Dump in							35	65-A	35																					
		38	Heat to 78-82°F & Record: HT <u>80</u> °F & Rec <u>80</u> °F																														
		39	When S 28 complete, couple DV undersurface in 65-70 min																														
			Maintain CV at 78-82°F Record: Start <u>7:45 PM</u> Total Min <u>70</u>																														
		40	Record: Diazo <u>+</u> (- or +)																														
			Base <u>---</u> Must be +																														
			pH <u>4.4</u> (4.2-4.6)																														
		41	If necessary stir to - diazo Record: Start <u>9:10</u> Total Min <u>35</u>																														
			Record: Diazo <u>---</u> Must be -																														
			Base <u>+</u> Must be +																														
			pH <u>4.4</u> (4.2-4.6)																														
Misc	11	42	Dissolve in 30 G water at 130-140°F in drum for S 43							30	567-B	30																					
260	12	43	Pour in N-567-B sol'n from S 42																														
		44	Heat to 194-196°F in 55-60 min & Record: HT <u>194</u> °F & Rec <u>195</u> °F																														
Misc	13	45	Dissolve in 35 G water at 140-150°F in drum for S 46							60	15-A	60																					
260	14	46	When S 44 heating complete, pour in N-15-A sol'n from S 45 into CV																														
		47	Stir 30 min at 194-196°F																														
		48	Flood to 80" (7928 G) & stop agitator																														
		<table><tr><td>VAT</td><td>V-308</td><td>V-315</td><td>V-317</td><td>V-322</td><td>V-323</td></tr><tr><td>S 4 (486 G)</td><td>20"</td><td>14"</td><td>14"</td><td>14"</td><td>14"</td></tr><tr><td>S 8 (1020 G)</td><td>43"</td><td>30"</td><td>30"</td><td>30"</td><td>30"</td></tr></table>														VAT	V-308	V-315	V-317	V-322	V-323	S 4 (486 G)	20"	14"	14"	14"	14"	S 8 (1020 G)	43"	30"	30"	30"	30"
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